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Listing and Amendments to the Claims

1. (currently amended) An image projection system comprising:
 - a light valve comprising a pixel matrix array disposed in rows and columns on a substrate forming an active matrix,
 - an illumination system for moving bands of different colored light over the light valve, perpendicularly to said rows,
 - means for identifying the illumination color of each row of pixels of the light valve,
 - means of managing video data of said images for controlling the writing of said pixels of the light valve,
 - means of synchronizing the video data sent to each row of pixels of the light valve according to the illumination color of said row identified by said identification means, wherein the identification means comprises ~~comprise~~ at least one photosensitive sensor ~~disposed~~ level with each row of said pixels of the light valve, each sensor of a row being designed to identify the illumination color and to measure the illumination intensity of that row, and wherein the measurement of the illumination intensity is used in the means of managing video data to adjust the video data for controlling the writing of said pixels.
2. (cancelled)
3. (cancelled)
4. (currently amended) The image projection system as claimed in claim 1 [~~2~~], wherein the or each photosensitive sensor of the light valve is incorporated in said substrate.
5. (cancelled)

6. (currently amended) The image projection system as claimed in claim 1 ~~(2)~~, wherein the or each photosensitive sensor is associated with a colored filter.
7. (cancelled)
8. (cancelled)